

Converting Colors

XYZ(33.9426, 36.9018, 40.3424)

Have a look what the booklet for
XYZ(33.9426, 36.9018, 40.3424)
contains.

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Color

**XYZ(34.0474, 37.0207,
40.4732)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA6A4
RGB	156, 166, 164
RGB Percent	61%, 65%, 64%
CMY	0.3882, 0.3490, 0.3569
CMYK	0.06, 0.00, 0.01, 0.35
HSL	168°, 5%, 63%
HSV	168°, 6%, 65%
XYZ	34.0474, 37.0207, 40.4732
YIQ	162.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

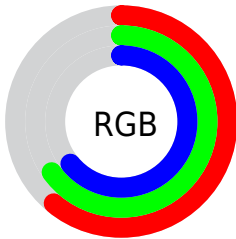
Format	Color
RYB	156, 162, 166
Decimal	10266276
CIELab	67.29, -3.92, -0.19
CIELCh	67, 3.924, 182.841
Yxy	37.0207, 0.3052, 0.3319
Android (android.graphics.Color)	4288456356 (0xFF9CA6A4)
YUV	162.7820, 0.6005, -5.9478
Hunter-Lab	60.8446, -6.5932, 3.1522

Details

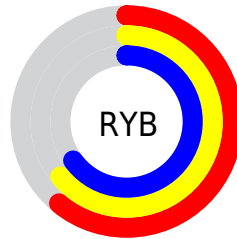
The XYZ color **34.0474, 37.0207, 40.4732** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7873, 34.3536, 37.1997**, and the grayscale version is **34.7099, 36.5175, 39.7676**.

A 20% lighter version of the original color is **65.2210, 70.5290, 77.1938**, and **14.7676, 16.2077, 17.6793** is the 20% darker color. If you saturate the color by 10%, you get **30.7561, 35.3592, 38.7734**, and if you desaturate by 10%, it is **37.7877, 38.9148, 42.2365**.

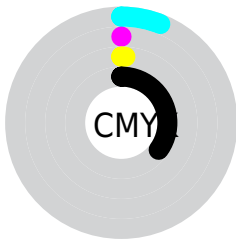
Distribution



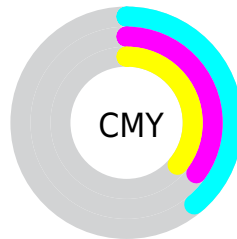
- Red (61%)
- Green (65%)
- Blue (64%)



- Red (61%)
- Yellow (64%)
- Blue (65%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (35%)



- Cyan (39%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0474, 37.0207, 40.4732 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 34.0474, 37.0207, 40.4732 by changing the saturation by 10% instead.

■ 34.0474, 37.0207,
40.4732

■ 34.0474, 37.0207,
40.4732

311.9256,
333.4001, 363.7252

■ 23.0931, 25.2235,
27.5911

■ 65.3512, 70.6046,
77.1285

■ 14.7833, 16.2437,
17.7813

■ 86.4313, 93.1601,
101.7388

■ 8.7528, 9.6967,
10.6253

111.6175,
120.0706, 131.0955

■ 4.6361, 5.1984,
5.7045

141.2750,
151.7203, 165.6173

■ 2.0679, 2.3641,
2.6004

175.7692,
188.4937, 205.7226

■ 0.6717, 0.8073,
0.8926

215.4654,

■ 0.0000, 0.0000,

230.7753, 251.8300

0.0000

260.7291,
278.9493, 304.3580

■ 34.0474, 37.0207,
40.4732

■ 34.0474, 37.0207,
40.4732

■ 30.7561, 35.3592,
38.7734

■ 37.7877, 38.9148,
42.2365

■ 27.8929, 33.9165,
37.1335

■ 41.9906, 41.0454,
44.0620

■ 25.4399, 32.6844,
35.5531

■ 46.6730, 43.4223,
45.9515

■ 23.3767, 31.6523,
34.0310

■ 51.8500, 46.0533,
47.9060

■ 21.6811, 30.8089,
32.5658

■ 57.5361, 48.9457,
49.9264

■ 20.3288, 30.1416,
31.1560

■ 63.5226, 51.9921,
52.0034

■ 19.2923, 29.6362,
29.8001

■ 63.8751, 52.1331,
53.8594

■ 18.5398, 29.2763,
28.4962

■ 64.2358, 52.2774,
55.7588

■ 18.0288, 29.0401,
27.2419

■ 64.6048, 52.4250,
57.7019

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.1706, 37.0207, 38.8199



34.0474, 37.0207, 40.4732



34.2267, 37.0207, 42.1276

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.0474, 37.0207, 40.4732



35.8164, 37.0207, 43.1493



35.7163, 37.0207, 37.4406

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34.0474, 37.0207, 40.4732



33.7873, 34.3536, 37.1997

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.1652, 37.0207, 38.5440



34.0474, 37.0207, 40.4732



36.2235, 37.0207, 41.8362

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.0474, 37.0207, 40.4732



35.2443, 37.0207, 43.6999



36.3519, 37.0207, 40.1457



35.1299, 37.0207, 37.0987

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.0474, 37.0207, 40.4732



34.4948, 37.0207, 43.0000



36.3519, 37.0207, 40.1457



35.8885, 37.0207, 37.7331

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34.0485, 37.0223, 40.4740



64.3991, 68.5075, 74.7149



33.7715, 36.9604, 36.8073



14.4284, 15.3394, 16.7279



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.0485, 37.0223, 40.4740



61.0923, 66.8350, 73.1064



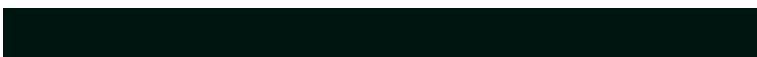
33.7212, 36.0761, 41.2643



7.8301, 8.5807, 9.3872



13.8614, 22.4633, 20.8350



0.3532, 0.5529, 0.5908

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33.7873, 34.3536, 37.1997



60.5356, 61.1457, 66.1261



34.0974, 35.2475, 36.4595



7.7556, 7.8193, 8.4530



12.4241, 6.3783, 1.7787



0.3191, 0.1619, 0.1317

Previews

White Background



This preview shows how the XYZ color 34.0474, 37.0207, 40.4732 looks on a white background.

Color Contrast Check

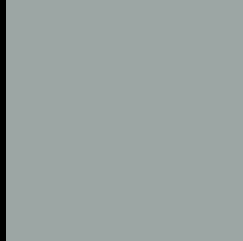
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.0474, 37.0207, 40.4732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

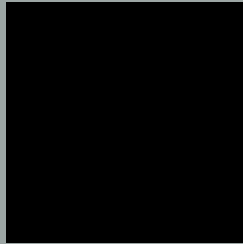
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

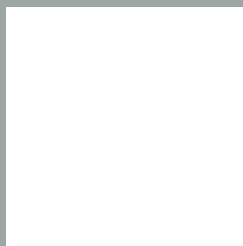
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.0474, 37.0207, 40.4732

Background



This preview shows how black text looks on a background with the XYZ color 34.0474, 37.0207, 40.4732.

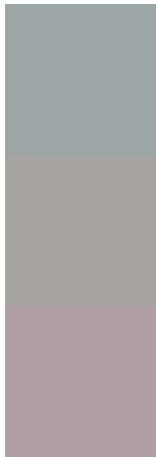


This preview shows how white text looks on a background with the XYZ color 34.0474, 37.0207,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

34.0474, 37.0207, 40.4732

Protanopia

35.5551, 37.0185, 39.4537

Deuteranopia

37.8715, 37.1332, 41.2478



Tritanopia

35.3118, 36.9943, 46.8745

Trichromacy



Original Color

34.0474, 37.0207, 40.4732

Protanomaly

34.9906, 36.9818, 39.9443

Deuteranomaly

36.5064, 37.2152, 40.8565

Tritanomaly

34.8062, 37.0569, 44.3479

Monochromacy



Original Color

34.0474, 37.0207, 40.4732

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.3835, 36.6688, 39.9159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0474, 37.0207, 40.4732 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(156, 166, 164)` looks like.

```
.text, #text, p{  
    color:rgb(156, 166, 164)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(156, 166, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 166, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.0474, 37.0207, 40.4732 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 166, 164) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(156, 166, 164) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(156, 166, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 166, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 166, 164);  
box-shadow:4px 4px 4px 4px rgb(156, 166,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0474, 37.0207, 40.4732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 166, 164) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(156,  
166, 164) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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